

For Research Use Only

CoraLite® Plus 488-conjugated DMAP1 Monoclonal antibody



Catalog Number:CL488-67183

Basic Information

Catalog Number: CL488-67183	GenBank Accession Number: BC002855	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 55929	CloneNo.: 1A4E8
Source: Mouse	Full Name: DNA methyltransferase 1 associated protein 1	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 53 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG28906	Observed MW: 60 kDa	

Applications

Tested Applications: FC, IF	Positive Controls: IF : HEK-293 cells,
Species Specificity: Human, Mouse, Rat	

Background Information

DMAP1 (DNA methyltransferase 1-associated protein 1) a component of the NuA4 histone acetyltransferase complex, was originally identified as an interacting molecule with DNA methyltransferase 1 (DNMT1) which co-localizes with PCNA at DNA replication foci. DMAP1 is required for DNA repair and acts against genomic instability. DMAP1 is widely implicated in transcription repression and activation via its interaction with multiple targets including histone deacetylase2 (HDAC2).

Storage

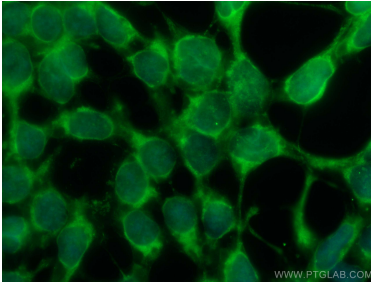
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

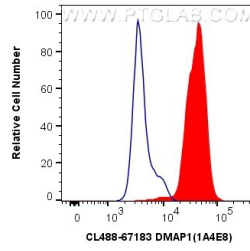
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using CoraLite® Plus 488 DMAP1 antibody (CL488-67183, Clone: 1A4E8) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human DMAP1 (CL488-67183, Clone:1A4E8) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).